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PATENT

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

Applicants: Mayer et al.

Serial No.: 10/524,947 ✓

Filed: August 7, 2003

U.S. National Phase of  
PCT/DE03/02693 filed August 7,  
2003

For: METHOD FOR DATA  
TRANSMISSION BETWEEN A  
PARCEL COMPARTMENT  
SYSTEM AND AT LEAST ONE  
CENTRAL DATA PROCESSING  
UNIT (as amended)

Group Art Unit: To be assigned

Examiner: To be assigned

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) Alexandria, VA 22313-1450

) December 7, 2005

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James P. Zeller  
Reg. No. 28,491

**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith for consideration by the examiner are copies of the documents identified on the attached Form PTO-1449.

Follows are concise statements of relevance of the identified foreign language documents.

**Gerog Faerber: "Prozesstechnik, Kapitel 2"**

The document is a chapter of a book about process technology. The document describes processing systems with a process computer and external events, where the events cause a reaction of the process computer. These process computers can be used for the controlling of machines, the automation of the production of hot metal, for test facilities, cement works and refineries, chemical engineering, the testing of materials, for control

functions in conveyor techniques, the registration of operating data and for quality control. The document also mentions examples in medical science, laboratory automation, power engineering and transport/traffic engineering.

The document does not disclose a method for data transmission between a parcel compartment system and at least one central data processing unit, whereas function messages are sent to the central unit and the unit executes functions corresponding to the events depending on the transportation or delivery company affected by the event.

**DE 201 03 584 U1 (This document was identified in the prior supplemental information disclosure statement)**

The document describes a system for delivery of items for the use in e-commerce. The system comprises several automatic delivery machines (ADM) with compartments for the delivery of items. Each ADM-machine comprises a local computer and a data link to a central data processing unit. The central unit comprises an ADM database in which the positions of the ADM machines are stored. The central unit also uses a LAMIS-Server-computer program (Last Mile System) for the management of system data and for the choice of an ADM-machine for the delivery of an item. The LAMIS-computer program is able to receive transport information (SI) of an item and to assign the transport information to a compartment of an ADM-machine. The local computers of the ADM-machines and the LAMIS-Server are connected by a data network and the local computer of an ADM-machine is able to identify the recipient of an item and to control the access to the respective ADM-machine.

**DE 100 00 830 A1**

The document describes a method for delivery of items in at least one compartment of a delivery machine. Each delivery machine contains a local computer which is connected to a

central processing unit. The central processing unit facilitates the control of the delivery machines and the movement of goods. Identification data of persons who have access authorization as well as occupancy data of the compartments are stored and managed in the central processing unit. The stored identification data of authorized persons are retrieved from the central unit by the local computers of the delivery machines. Subsequently, the occupancy data of the compartments are sent to the central unit.

Therefore, events at the delivery machines are registered in the central processing unit, but the messages do not cause function calls. The necessary functions are executed in the delivery machines, but the central processing unit does not execute functions corresponding to the events depending on the transportation or delivery company affected by the event.

### **"Programming Web Services with XML-RPC"**

The document is an abstract of a book about programming Web Services with XML-RPC. The abstract states that RPC-mechanisms are known and that a XML-assistance of several programming languages can promote the use of XML. It is useful to use HTTP as transport protocol. This combination can lead to an easy integration into existing infrastructures (Proxy server etc.) and an easy realization beyond platforms and programming languages. RPC implementation is usually used for Web Services. The book describes the RPC-implementation in Java, Perl, PHP, Python and VB-Script (with ASP). A subject of each chapter is the translation between the data types of XML-RPC (*Integer, Double* etc.) and the respective destination language. To build a XML-RPC-Server, one will usually use an appropriate framework like a Servlet-Engine for Java or Apache with `mod_perl`. The book comprises a chapter about the design of XML-RPC-applications and a description of SOAP, UDDI and WSDL (Web Services Description Language).

Entry and consideration of the submitted documents are solicited.

Respectfully submitted,

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December 7, 2005

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Sheet 1 of 1

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| Form PTO-1449 (Modified)                | U.S. Department of Commerce<br>Patent and Trademark Office | Atty. Docket No.<br>30882/DP021 | Serial No.<br>10/524,947 |
| <b>INFORMATION DISCLOSURE STATEMENT</b> |  | Applicant<br>Mayer et al.       |                          |
|   |  | Filing Date<br>August 7, 2003   | Group                    |

| U.S. PATENT DOCUMENTS |  |                 |            |      |       |          |                               |
|-----------------------|--|-----------------|------------|------|-------|----------|-------------------------------|
| *Examiner<br>Initials |  | Document Number | Issue Date | Name | Class | Subclass | Filing Date if<br>Appropriate |
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| FOREIGN PATENT DOCUMENTS |  |                 |                     |         |       |          |             |    |
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| *Examiner<br>Initials    |  | Document Number | Publication<br>Date | Country | Class | Subclass | Translation |    |
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|                          |  | 100 00 830 A1   | 07/26/01            | Germany |       |          |             | X  |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) |  |  |
|--|--|--|
|  |  | "Prozessrechentechnik, Kapitel 2", Georg Faerber, Springer Verlag, 1979, pp. 3-30  |
|  |  | "Programming Web Services with XML-RPC", St. Laurent et al., Sebastopol, CA 2001, 1 page   |
|  |  | "ONC Remote Procedure Call (oncrpc), <a href="http://www.ietf.org/html.charters/oncrpc-charter.html">http://www.ietf.org/html.charters/oncrpc-charter.html</a> , May 9, 2003, 1 page |
|  |  | "Simple Object access Protocol (SOAP) 1.1", <a href="http://www.w3org/TR/SOAP">http://www.w3org/TR/SOAP</a> , September 17, 2003, 33 pages   |
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|---|-----------------|
| Examiner  | Date Considered |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |